

Error with request value number

Posted by torneca - 2008/07/17 20:27

As I work with AGWA 1.5 everything goes fine, until i'm about to run KINEROS, when i come to the parameter file window, i put the number on it and press "ok", after that, i get a message that says "Wrong class with parameter1 of RequestValueNumber.

Got A(n) nil, expected a(n) field"

What causes this trouble? The weird thing is that previously i ran KINEROS a lot of times until i wanted to change some parameters from the lookup table, after those changes were made it started to happen this problem. Can it be something related to the land cover or soils? Because i always try to change the names of the tables to "CLASS" and "SNUM" respectively, but it always goes back to the initials "Value" and "Snum".

Thanks a lot

torneca

=====

Re>Error with request value number

Posted by lainie - 2008/07/17 22:06

Which lookup tables are you changing?

In order for AGWA to be able to access these tables, the field names and table name must not be modified. Also, the table must be saved as a .dbf.

Lainie

=====

Re>Error with request value number

Posted by torneca - 2008/07/21 05:07

I'm not changing the lookup tables, what i'm changing is some of the values that are in it (For example, i changed the forest cover table from the original 30, to 90, but i never changed the name "Forest", nor its class number 1). Also, i have created some different tables to try some differences and "calibrate" the model, but i don't know if it's ok to put all these in the LC_lookup file (each one of them has its own name and .dbf file) or I just need the dbf's, I mean, I don't know if I also have to have the different tables and values in the LC_lookup file or not.

If you have any other question just let me know, everything was running perfectly until this happened, so i have to correct this to have better and more accurated results in the future.

Thanks a lot.

torneca

=====

Re>Error with request value number

Posted by lainie - 2008/07/21 22:10

The error message you are getting is because AGWA is looking for a number in a field, but cannot find that field. This could be because the modifications you made to the table caused the field to be saved as a string instead of a number.

Sounds like you have a couple of different things going on here. You are modifying values in an existing look_up table, and are also creating new look_up tables. If this is correct, please answer these questions to help us figure out what is happening. If not, please explain more clearly what you are trying to do.

1. What is the name of the existing look_up table that you are modifying values in? Is it the mrlc_lut.dbf, or the nalc_lut.dbf? Did you make sure that the cell values were formatted as numbers?
 2. What type of land cover data are you using? Are you using the NALC or MRLC data, or some other data? You are using FAO soils, correct?
 3. Did you make any changes to the parameter file itself (the one with the .par extension)? I'm assuming that you created and named the parameter file using the AGWA dialogue. How did you enter the parameter file name in the window? Was it in the dropdown menu, did you create a new file, or did you import an existing file?
 4. From your email, you said "Also, I have created some different tables to try some differences and "calibrate" the model, but i don't know if it's ok to put all these in the LC_lookup file (each one of them has its own name and .dbf file) or I just need the dbf's, I mean, I don't know if I also have to have the different tables and values in the LC_lookup file or not."
- You will need to have all of your values in one file for AGWA to find them.

=====

Re>Error with request value number

Posted by torneca - 2008/07/22 19:30

ok, let's see...

1.I'm not changing either the nalc_lut or the mrlc_lut, I made 3 new lookup tables, one with a very high forest cover, another one with a very low one and a third one with the values that I expect that really are; this, for calibration reasons. The cell values are formatted as numbers with the same amount of decimals that the nalc has.

2.I'm using the data of the nalc file, and yes, the FAO ones for the soils.

3. No i haven't yet, the idea is that when I'm done with the lookup problem, i'll go to the next thing, for example, the parameter file.For every model I create a new parameter file, even when the values are

always exactly the same.

4.Complementing with the answer number 1, the LC_lookup file now has 5 worksheets: nalc, mrlc, and the 3 other that i made. Each of these worksheets are baked with a DBF file for each one. In the end, the model runs, but always gives the same results, something that shouldn't happen with that kind of difference in (for example) the cover percentage.

Finally, and to bother just a little bit more (sorry), I've had problems with the HGR file. I also have to modify the values for my own watershed, and always that I try this I get an error window saying:"A(n) Nil object does not recognize request GetVTab". At first I tried to make the new parameters in the "advanced relationships" window, but as this error apperared, I tried to manually modify the HGR file, and the same thing happened. So I went back and just let the original Walnut Gulch values, but even with it, when I go to "advanced relationships" and mark Walnut Gulch, I get the same error... so I don't know if you also can help me with that.

Sorry for all the asking, hope that it helps other people too. I send a screenshot of the last issue for better comprehension.

Thanks a lot again.

torneca

=====

Re>Error with request value number

Posted by torneca - 2008/07/22 19:34

here's the screenshot

=====

Re>Error with request value number

Posted by torneca - 2008/07/22 19:37

sorry, again <http://www.tucson.ars.ag.gov/agwa/images/fbfiles/images/scrshot.JPG>

=====

Re>Error with request value number

Posted by lainie - 2008/07/26 00:54

It's hard to say why you are getting the same results after changing the land cover values, especially if you have only one land cover type, forest (is that correct?). Just to make sure I understand what you are doing, you have created three new land cover look_up tables, and are running the model three times, once with each of these tables. But the final output results are the same for all output parameters for each watershed element and all channels, including the event volume summary at the watershed outlet?

Regarding the HGR.dbf file, the error message you're getting indicates that AGWA is unable to find this file. Does the HGR.dbf file show up in your table of contents? If it isn't there, AGWA should ask you to find it. This file also needs to be in the correct format, saved as a type IV dbf, or AGWA will not be able to recognize it. The problem could also be that the HGR.dbf file was corrupted after you tried to modify it. Try downloading this file again from the AGWA site (in the datafiles.zip download).

Lainie

=====

Re>Error with request value number

Posted by torneca - 2008/07/28 07:22

More less, i mena, at first I was just using one landcover, forest, as you know; but later i also putted some little areas with another landcover value (barren), but that values are constant in the 3 lookup tables, as you know, the only changes are in the "forest" values, so technically.. yes, and also yes for the volume summary question. The 3 results are exactly the same.

I'm gonna try to download again the HGR file from here, and to answer your question, the program doesn't recognize the file automatically, but i look it up in the datafile folder and I just load it from there, so there has to be a little problem or mistake, i'll see what happens after downloading the "original" file.

Again, my real problems are in the first paragraph, the lookup results.

Thanks again

torneca

=====

Re>Error with request value number

Posted by lainie - 2008/07/31 18:23

Can you send me your 3 look_up tables (they'll need to be zipped) so I can take a look at them?

Did you have any luck with the new hgr.dbf?

Lainie

=====

Re>Error with request value number

Posted by torneca - 2008/08/04 18:37

Here are the files that you requested, I also include the LC_lookup so you can see how they match (or don't). I haven't tried the new hgr file yet, but as soon as I can I will tell you the results.

Thanks a lot

torneca

PS: The RBAMBUSO page was just the first one that I tried a lot of time ago, you'll see that the only change is the "cover" from "forest" that is in 100, but don't pay attention to it, the important ones are the 3 that I send you. Bye.

=====

Re>Error with request value number

Posted by torneca - 2008/08/04 18:39

=====

Re>Error with request value number

Posted by torneca - 2008/08/04 18:42

sorry, don't know exactly how to send the zip file, it tells me that has to be something with /n... I don't know if there's an email where i can send it? My email is torneca@yahoo.com for any circumstances.

Thanks

Bye

=====

Re>Error with request value number

Posted by lainie - 2008/08/04 18:54

The file needs to be a zip file, or you'll get that message. So please make sure your file has a .zip extension. Also, it can't be greater than 1M. Try again!

=====

Re>Error with request value number

Posted by torneca - 2008/08/05 06:41

ok, let's see <http://www.tucson.ars.ag.gov/agwa/images/fbfiles/files/Lookups.zip>

Re>Error with request value number

Posted by lainie - 2008/08/06 23:09

Thanks for the look_up tables. They ran fine on my system so they are not the problem.

The reason that you are getting the same results for all three look-up tables is that your "cover" value is the same, and you are only changing the hydrologic soil group values (A,B,C and D), which are not used in KINEROS (only for SWAT). AGWA uses the last 4 values, COVER, INT, N, and IMPERV for KINEROS.

Did you have any luck with the new HGR.DBF?

Lainie

=====

Re>Error with request value number

Posted by torneca - 2008/08/07 16:54

Hi, thanks a lot for the lookup answer. In relation with the HGR file, I downloaded it again but no luck, I mean, I still have to look for it when the program asks me to, and also, I can't modify the default values. If I put "create new", I type the new parameters for my watershed and at the end it always says the "A(n) nil object..." error, and if I just try to put new values in the boxes and then click "custom", well, nothing just happens, there's no way that the "process" box turns on so I can continue.

Any ideas or tips you can give me???

Thanks a lot again

torneca

=====

Re>Error with request value number

Posted by lainie - 2008/08/07 20:56

I discovered that you will get that error message if the hgr.dbf file is not in the AGWAdatafiles directory, so make sure that is where it is located. Also, to avoid having to locate it through the dialogs, add it manually to the project.

When you use "create new" for a custom relationship, make sure to use a unique name or AGWA won't accept it.

Let me know if that helps.

Lainie

=====

Re>Error with request value number

Posted by torneca - 2008/08/11 19:13

mmmmm I don't know, my hgr file is located in AGWA/datafiles, also, it never finds it automatically, it always ask to look for it (same happens with the lc_luts and the kineros2_agwa files). So i don't know what to do with that.

When I put "create new" I use a different name from the 2 default ones, the problem comes after i put the values, because when i click "ok" is when the "A(n) nil object....." error comes. I've tried every option but i don't know what else to do, and its very important that i modify these values in order to make bigger the width and depth of my channel

Thanks a lot again

torneca

=====

Re>Error with request value number

Posted by lainie - 2008/08/13 21:15

Have you made sure you've set the environmental variables correctly as described in the Installation Instructions in Tutorial 1?

=====

Re>Error with request value number

Posted by torneca - 2008/10/15 18:56

Hey, I think that was the missing part of the problem!!! I setted the environmental variables again and it worked ok!!

Thanks a lot for all your help and you concern.

Nestor

=====